

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	"3176297"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/17 09:23
L2	2	("3176297").PN.	USPAT; USOCR	OR	OFF	2009/08/17 09:24
L3	4397	342/417-445.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 09:42
L4	1	3 and signal adj strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 09:42
L5	409	3 and signal adj strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 09:42
L6	249	5 and combin\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 09:42
L7	0	6 and emitter with bear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 09:43
L8	30	6 and (emitter or transmitter) with bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/17 09:43
L9	1	("5283588").PN.	USPAT; USOCR	OR	OFF	2009/08/17 09:55
L10	2	("4219816").PN. OR ("5283588").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 09:57

S1	1	("4481519").PN.	USPAT; USOCR	OR	OFF	2008/03/20 14:09
S2	4448	direction adj finding	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:14
S3	321	S2 and plurality adj antennas	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:15
S4	242	S3 and combin\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:16
S5	162	S3 and combin\$5 and switch\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:17
S6	0	S5 and phase adj defference	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:17
S7	5218659	i	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:17
S8	77	S5 and phase adj difference	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:17
S9	329	342/417.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:28
S10	170	S9 and combin\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:28
S11	838	"20070075897" "6252544" "6429812" "6405132" "6154173" "4876659" "5587715" "5798732" "6087983" "6208291" "6239743" "6252546" "7266140" "20070080857" "6459407" "6760582" "20030148761" "6185427" "6473694" "6646596" "6720915" "6771211" "6856282" "7064708" "7246010" "20010048387" "20030090413" "20030090414" "20030151547" "20040073365" "20040165689" "20040183724" "20060159055" "20060198428" "20070183486" "5539755" "20010004381" "4268876" "4307971" "4585908" "4809014" "5426450" "5457484" "5997224" "6029891" "6195453" "4570571" "5574469" "5347546"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:34

		"5331329"				
S12	513	"4544927" "6069363" "4772624" "5654547" "4529437" "4905602" "5191415" "5504880" "5508632" "5615377" "5644138" "5771203" "5815286" "5851895" "5920243" "5961833" "6028886" "3629824" "3593282" "3586842" "3582878" "3631284" "3630782" "3630769" "3630744" "3630669" "3630038" "3629709" "3629615" "3629018" "3628963" "3628881" "3628848" "3628429" "3628287" "3628167" "3628001" "3627806" "3627789" "3627692" "3627662" "3627656" "3627594" "3626512" "3626412" "3626281" "3626229" "3626055" "3626016" "3625986"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:46
S13	50	(("4544927") or ("6069363") or ("4772624") or ("5654547") or ("4529437") or ("4905602") or ("5191415") or ("5504880") or ("5508632") or ("5615377") or ("5644138") or ("5771203") or ("5815286") or ("5851895") or ("5920243") or ("5961833") or ("6028886") or ("3629824") or ("3593282") or ("3586842") or ("3582878") or ("3631284") or ("3630782") or ("3630769") or ("3630744") or ("3630669") or ("3630038") or ("3629709") or ("3629615") or	USPAT; USOCR	OR	OFF	2008/03/20 14:46

		("3629018") or ("3628963") or ("3628881") or ("3628848") or ("3628429") or ("3628287") or ("3628167") or ("3628001") or ("3627806") or ("3627789") or ("3627692") or ("3627662") or ("3627656") or ("3627594") or ("3626512") or ("3626412") or ("3626281") or ("3626229") or ("3626055") or ("3626016") or ("3625986").PN.				
S14	329	342/417.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:48
S15	56	S14 and plurality adj2 antennas	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 14:48
S16	15439	342/368-465.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 15:00
S17	1455	S16 and plurality adj2 antennas and combin \$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 15:01
S18	305	S16 and plurality adj2 antennas and combin \$5 and signal adj strengths	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 15:02
S19	18	S16 and plurality adj2 antennas with signals adj strengths	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/20 15:52
S20	4	("5701596").PN. OR ("6281840").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/20 16:32
S21	1	("5574468").PN.	USPAT; USOCR	OR	OFF	2008/03/20 17:34
S22	1171	342/432-445.ccls.	USPAT	OR	OFF	2008/12/04 08:50
S23	14	S22 and signal adj strength and combine	USPAT	OR	OFF	2008/12/04 08:52
S24	4043	342/417-445.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 09:30
S25	230	S24 and signal adj strength and combination	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 09:31

S26	310	S24 and signal adj strength and combin \$5	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 09:32
S27	214	S24 and signal adj strength and combin \$5 with signal	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 09:32
S28	23	S27 and (emitter or transmitter) with bearing	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 09:33
S29	50	(("4876252") or ("5420032") or ("4619941") or ("4623716") or ("4788195") or ("4626538") or ("4797814") or ("4941088") or ("4528132") or ("4597900") or ("4604237") or ("4605514") or ("4610981") or ("4622386") or ("4632978") or ("4764589") or ("4767765") or ("4824936") or ("4900838") or ("5343204") or ("5581688") or ("5852439") or ("4518081") or ("4606856") or ("4764591") or ("4804742") or ("4950666") or ("5200914") or ("5613091") or ("5640210") or ("5859930") or ("6075898") or ("4345875") or ("4466516") or ("4548975") or ("4782064") or ("4820804") or ("4903713") or ("4907175") or ("5008618") or ("5267349") or ("5343539") or ("5433789") or ("5604697") or ("5660913") or	USPAT; USOCR	OR	OFF	2009/04/20 10:22


### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	12440	direction adj2 system	USPAT; UPAD	OR	ON	2009/08/17 10:13
L12	376	11 and signal adj strength	USPAT; UPAD	OR	ON	2009/08/17 10:13
L13	58	12 and (transmitter or emitter) with (bearing or position)	USPAT; UPAD	OR	ON	2009/08/17 10:17

8/17/2009 11:02:32 AM

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